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ABSTRACT OF THE DISCLOSURE

A non-woven fabric filter used for wastewater treatment with activated sludge. The present invention, for the first time, uses non-woven fabric as a filtering material for wastewater treatment. The non-woven fabric filter for wastewater treatment includes a tubular non-woven fabric filtering portion, which has a mean pore size of 0.2 μm to 150 μm ; a porous tubular supporting portion disposed on inner walls of the tubular non-woven fabric filtering portion to provide support; and a sealing portion for sealing two ends of the tubular non-woven fabric filtering portion and the tubular supporting portion, while leaving a hollow space in the tubular supporting portion.